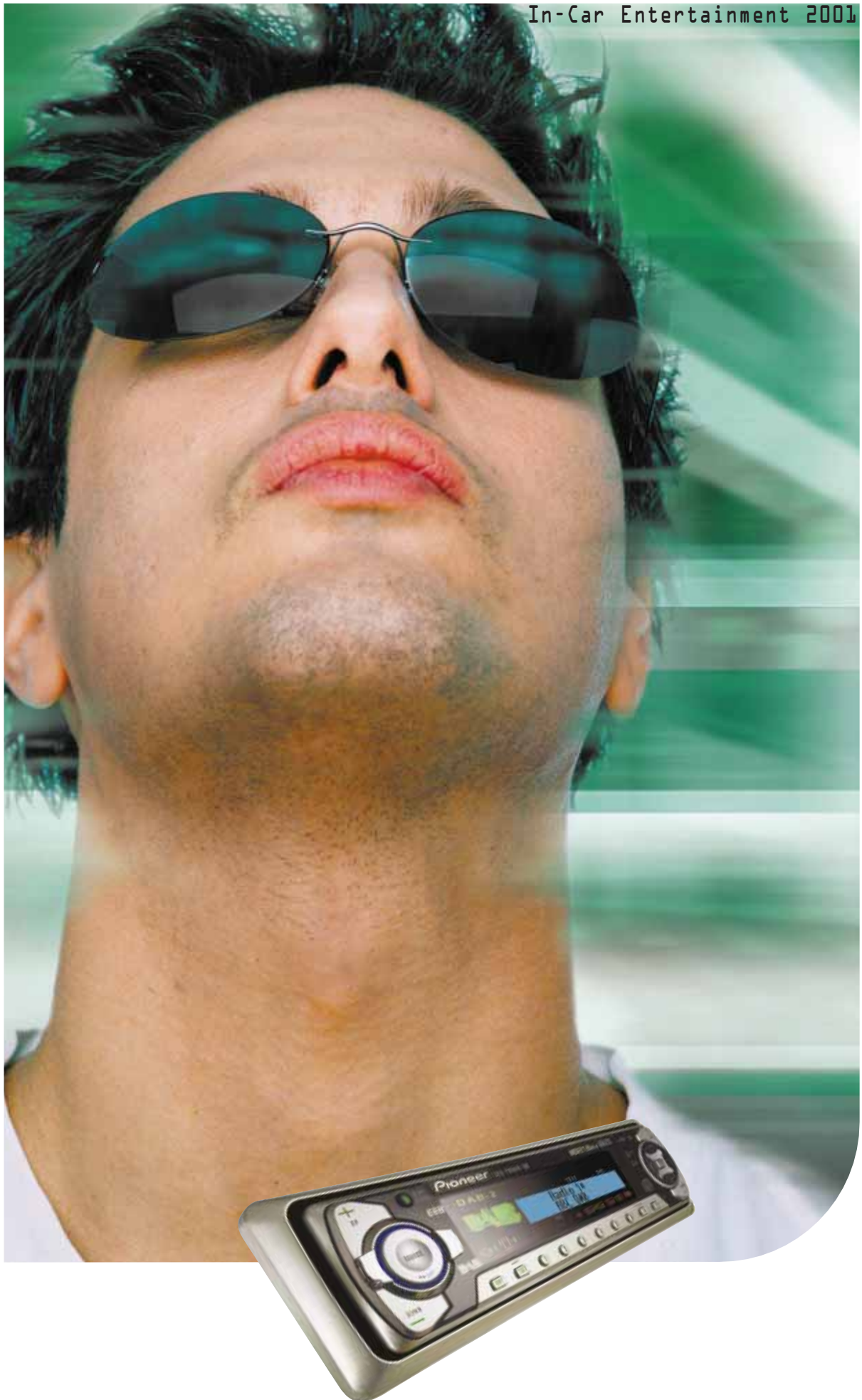


Pioneer

In-Car Entertainment 2001



ACCESSORIES

CONNECTORS

Speaker outputs to RCA connectors which enable the connection of high power amps having RCA connectors to the speaker outputs of car stereo models.



RD-SR520
For High Power car stereo models with 2 x 25 W output (power).

RD-SR510

For car stereo models with 2 x 8.5 W output (power).



CD-RD100
RCA-DIN interconnector which enables the connection of any car stereo unit with RCA output to a Pioneer component system with DIN input.

AV ACCESSORIES



AN-70DAB
DAB ANTENNA
Drill Mount type



AN-G3
TV ANTENNA
Mountable on the innerside of the car-window.



CD-R9
OPTIONAL REMOTE AND REMOTE SENSOR
For XDV-Pg stand alone use.



AN-75DAB*
DAB ANTENNA
Surface Mount Type

*Not available in the UK



CD-SR5
NAVIGATION SYSTEM REMOTE CONTROLLER



TS-CX9
66 MM FULL RANGE SPEAKER
Center speaker for 5.1 channel multi-sound reproduction



ND-PG1
VEHICLE SPEED PULSE GENERATOR

CD-65RGB

RGB CABLE
For connecting navigation system with Pioneer's AVD-W8000 colour display.

CABLES



CD-250R
(5 M)
CD-220R
(2 M)
CD-205R
(0.5 M)

Component RCA extension cables with groundable outer shield and gold-plated RCA connectors.



CD-140
(4 M)
CD-116A
(1.5 M)
Component DIN extension cables.

OTHERS



UD-G302
SUBWOOFER GRILLE FOR TS-W304F/C
UD-G252
SUBWOOFER GRILLE FOR TS-W254F/C
UD-G202
SUBWOOFER GRILLE FOR TS-W203F



RD-223
BATTERY CORD
Amplifier battery cord specially designed for model GM-X944.



CD-727
COMPONENT DUAL AMP BALANCER
Adjusts front to rear balance in component dual amp systems with RCA connectors.



CD-RB20
IP-BUS - RCA INTERCONNECTOR
Allows you to connect an external audio source and a Multi-CD player through the IP-Bus input of any P-series headunit (except KEH-P1010(13)R).

INTERCONNECTORS



RD-AN80
ANTENNA ADAPTOR
Converts an ISO10599 type female antenna connector into a DIN41585 (Sept. 1953) male antenna connector.



AD-EU800S
Interfaces Pioneer car speakers with the speaker harness in Renault Espace, Safrane and 19 (5/'92-), Volkswagen Golf III and Vento, Seat Toledo and Opel/Vauxhall Astra.



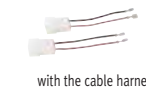
AD-PG100
Interfaces Pioneer car stereo with the cable harness of Peugeot cars from 1990 models onwards, except for 306 (3/'93) and 405 (7/'92).



AD-S782
Interfaces Pioneer car stereo with the cable harness of Suzuki cars.



AD-OP182
Interfaces Pioneer car stereo with the cable harness of Opel/Vauxhall cars, Citroën AX/ZX, Peugeot 306 (3/'93) and 405 (7/'92-), Alfa 155 and Fiat Croma (2/'92-) (including antenna adaptor).



AD-S783S
Interfaces Pioneer car speakers with the cable harness of Suzuki cars.



AD-FD200
Interfaces Pioneer car stereo with the cable harness of Ford cars (except Mondeo and Scorpio).



AD-VA142
Interfaces Pioneer car stereo with the cable harness of all Volkswagen, Audi models and Seat Toledo (including antenna adaptor).

LINE NOISE SUPPRESSORS



RD-985
(5 M)
High performance RCA signal ground isolator to be connected to the RCA input of the amplifier, suppressing the alternator noise.



RD-984
(HANDLES UP TO 30 A)
RD-983
(HANDLES UP TO 10 A)
AD-990C
(HANDLES UP TO 4 A)

High Power line noise suppressors which reduce alternator and other noise reaching the car stereo or amplifier through the power line.

REMOTE CONTROLLER KIT



CD-R600
Designed with safety in mind, Pioneer's full-function smart remote works with remote control ready headunits, to give you easy control of all operations — without having to reach for the headunit.

CD/DVD MAGAZINE



JD-612V
CD/DVD Magazine for XDV-Pg, CDX-P670, CDX-FM657 and multi-CD Packages.

OPTIONAL SPACER RINGS



AD-M16
(25 MM THICK)



UD-M131
(20 MM THICK)
Universal spacer ring designed for 130 mm Ø speakers (TS-E and G series).



UD-M16S
(17-42 MM THICK)
Spacer rings designed for 16 cm flush-mount speakers.



UD-M100
(11-27 MM THICK)
Designed for 10 cm flush-mount speakers.

OPTIONAL CUSTOM-FIT SPEAKER ADAPTOR PLATES



UD-M172
Adaptor kit designed to mount 17 cm Ø speakers.



UD-M870
Adaptor kit designed to mount 87 mm Ø speakers.



UD-M171
(5 mm thick)
Adaptor kit designed to mount 17 cm Ø speakers.

UD-M174 VW

Adaptor kit for Volkswagen Golf/Passat to mount 17 cm speakers (front and rear door).



UD-M130
Adaptor kit designed to mount 13 cm Ø speakers.

UD-M177 VW

Adaptor kit for Volkswagen Lupo and Seat Arosa to mount 17 cm speakers (front door).



UD-M103
Adaptor kit designed to mount 10 cm Ø speakers.

UD-M175 MB

Adaptor kit for Mercedes A Class to mount 17 cm speakers (front door).



UD-M102
(2 MM THICK)
Adaptor kit designed to mount 10 cm Ø speakers.

UD-M176 OP

Adaptor kit for Opel/Vauxhall cars to mount 17 cm speakers.



UD-M101
Adaptor kit designed to mount 10 cm Ø speakers.

UD-M135 MB

Adaptor kit for Mercedes A Class to mount 13 cm speakers (rear door).

DAB SECTION

Built-in DAB

Pioneer's latest headunit DEH-P90DAB features a built-in DAB Tuner, which allows access to Digital Audio Broadcasting for distortion-free CD-quality radio.

HEADUNIT SECTION

45W x 4 High Power

Pioneer co-developed and was the first to introduce this internal power chip which allows increased bass response and system clarity.

ASL

Automatic Sound Leveliser (ASL) technology electronically and automatically adjusts volume and frequencies to mask varying degrees of exterior noise.

Auto EQ

Auto EQ tailors specific musical characteristics to your taste, according to your car's acoustics. The Auto EQ system uses a microphone to monitor and analyse acoustics inside the car, then applies automatic fine-tuning across the entire range of the music's frequency bandwidths using digital 13-band graphic equalisation for front and rear speakers.

BBE*

Pioneer has incorporated the BBE technology into their DEH-P9300R and FH-P4000R for a pure, natural sound. BBE adds a longer delay time to the lower frequencies and slightly 'boosts' the high range, which tends to become attenuated, so that it recovers its natural articulation. And, BBE dynamically controls the amplitude relationship between the mid and high band areas. This, in combination with the phase compensation feature, restores the brilliance and clarity of the original sound.

*Licensed by BBE Sound, Inc. under USP4638258 and 4482866. BBE and BBE symbol are registered trademarks of BBE Sound Inc.

BSM (Best Stations Memory)

An ideal tuner feature for travelling. At the touch of a button, BSM scans the radio band, finds and automatically presets the six strongest stations.

Built-in DSP (Digital Signal Processor)

Uses digital technology to correct a vehicle's interior acoustics. Additionally the system offers various sound fields to recreate different listening environments in your car (Studio, Jazz Club, etc.).

DAB Ready

P-series headunits can be connected to a Pioneer DAB tuner, which allows access to Digital Audio Broadcasting (DAB) audio service.

Direct Sub Drive

MOSFET 50 and EEQ Plus can be used together to get Direct Sub Drive. EEQ Plus filters the rear channels output; then, MOSFET 50 — due to ample audio power — drives Pioneer's high sensitivity subwoofers directly, without using a separate component amplifier. MOSFET 50 can also drive 2 ohm speakers, pumping out an incredible 1 x 70 W in the rear, giving the unique setup of a 2 x 50 W front and 1 x 70 W subwoofer system.

EEQ (Easy Equaliser)

For the maximum in customised in-car sound, Pioneer developed the Easy EQ (EEQ) system. It has an incredible advancement over traditional bass/treble adjustments! Choose one of the preset curves, or the 3-band (parametric) equaliser curve. And with more parameters, it sounds like a Digital EQ system.

EEQ (Easy Equaliser) Plus

EEQ (Easy Equaliser) Plus expands EEQ further with either a Low Pass Filter (LPF) or a LPF plus High Pass Filter (HPF), for on-board network capability.

FIE (Front Image Enhancer)

This function shifts the sound focus forward electronically, without having to adjust the fader control, by cutting off high frequency signals to the rear speakers. It gives an extremely clear sound image in the front of the car, without attenuating dynamic bass response from the rear speakers

Loudness Control

At low volume levels, low and high frequency sounds in music can be overpowered by ambient noise levels in the vehicle. Loudness control provides a one-button way to boost these frequencies and provide better overall sound at low volume levels.

MDLP

MiniDisc Long Play is a new encoding method for audio on MiniDisc that offers 320 minutes stereo (LP4). LP4 mode encodes audio in "joint stereo" mode, i.e. the left and the right channel simultaneously.

MOSFET 50Wx4

The MOSFET 50 Power Amp, built into the latest headunits, uses revolutionary new semiconductor technology to boost audio performance levels. Characteristics such as low loss, lower audio distortion, eliminated switching distortion and a wide power band combine to give MOSFET 50 headunits 4 x 50 W of sonic clarity, matching the best component amplifiers.

Octaver

The 2-mode Octaver Bass Enhancement System is a DSP technology featuring a bass boosting Octaver that processes signals under 200 Hz by shifting down an octave and adding an original sound low-frequency signal output. The result is a fortified, massive bass that rocks your ears and booms your car.

OEL (Organic EL)

Pioneer OEL (Organic EL) display delivers high-contrast, moving 3-D images, even in sunlight. With no backlight required, the display is ultra-thin and uses only minimal power. The display's smart functionality lets you control and confirm play source operating information at a glance, and provides plenty of space for text, for lists of tracks, discs or other data from MDs or CDs (such as CD Text). Pioneer's latest OEL display now offer even more entertainment features and the display itself is also larger, using a total of 256 x 80 pixels.

PNS (Pulse Noise Suppressor)

"Pulse Noise" is unwanted noise generated by electrical motors. It can come from your car's engine or even someone else's through your car's antenna. PNS provides a cleaner sound by reducing noise that interferes with the FM signal.

Radio Text

By pressing the Radio Text button, text messages sent as RDS data are received. These messages scroll across the screen for convenient viewing, and can be stored in memory for review.

RCA Preout

The standard connection system to carry sound from a headunit to an amplifier or equaliser. RCA preouts provide easy output for connection to an outboard amplifier.

RCA Preouts - Subwoofer Output

The dedicated subwoofer output lets you connect an amplifier for a subwoofer without having to purchase a separate crossover. It also simplifies controls by providing subwoofer crossover and level controls as part of the headunits. So they can be easily adjusted from your listening position.

RDS

Pioneer has incorporated the "Non Interruption Philosophy" into the "Intelligent RDS Tuner" for improved network following (NF). Thanks to the sophisticated algorithms, the different program alternative frequencies are screened out and continuous, uninterrupted listening pleasure is achieved.

Removable Front Panel (RFP)

A theft-deterrent system invented by Pioneer which revolutionised headunit security. With RFP, you simply lift off the front panel of the unit, slip it into a protective case and take it with you. The unit's sensitive electronics remain protected in the dash; all that remains visible from the dash, however, is a black panel that won't attract thieves.

SFEQ (Sound Focus EQ)

SFEQ lets you control bass and treble settings for front and rear independently. This means that you can customise your total sound so that the sound stage is located in the front without sacrificing rich bass. Recreate the feeling of a live concert right in your car or rearrange the sound flow so that you and your passengers have the best possible sound experience.

Soft Key Concept

Found in Pioneer's DEH-P9300R CD/RDS tuner, the Soft Key Concept makes operation super easy. Button assignments change according to the source or function engaged. You can access the function you need directly, with one touch. Some functions are also accessible via the remote controller's cross-key or the steering wheel remote.

Source Level Adjuster

Allows you to independently adjust the volume ratio between all of the headunit's sources (using the FM volume level as a reference), so the start-up volume between sources will always be the same.

CASSETTE SECTION

Blank Skip

Automatically skips over long portions of unrecorded tapes (at the end of one side, for example). Blank Skip makes sure you're listening to music instead of blank tape, without having to divert your attention from the road.

Dolby* B

A noise reduction system used with most pre-recorded tapes. Pressing the Dolby B button improves the signal-to-noise ratio by greatly reducing background "hiss".

*Dolby and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

Full-Logic Control

Full-Logic cassette decks feature feather-touch, electronic control buttons that make cassette operation easier. A "Logic" system ensures that when you press "forward", the deck will always move forward, regardless of which side of the tape is currently playing.

Metal/70µs Tape Selector

While metal and chrome tapes have vastly improved frequency response and signal-to-noise ratio performance, they require different equalisation compared to standard bias tapes. Pioneer units feature either an "Auto Metal" capability - which automatically engages the appropriate equalisation for proper playback - or a manual Metal button. Either feature provides optimum playback equalisation on metal, chrome (70µs) and normal (120µs) cassette tape formulations.

Music Search

Locates the beginning of the next song for fast forward or the beginning of the present song on rewind.

CD SECTION

1-Bit D/A Converter

Conversion of digital information as recorded into analogue signals that are then reproduced as the sound you hear. 1-bit conversion ensures a smooth sound without harshness.

8fs Digital Filter

This 8x oversampling filter pushes sampling noise created during digital/analogue conversion up the frequency band into an inaudible range. By effectively eliminating sampling noise, the 8fs digital filter improves the response curve and delivers smoother sound.

ADPS (Automatic Disc Program Selection)

This memory/programming system lets you program your favourite songs on up to 100 discs. The system "remembers" the discs and can automatically recall the programmed tracks upon subsequent playback. ADPS allows the automatic recall of programmed playback for up to 99 tracks per disc for up to 100 discs.

AGC (Automatic Gain Control) (MCD and CD)

Self-Correcting feature that makes adjustments each time a CD is inserted into a Pioneer unit or the CD source is selected. By constantly adjusting the player for top performance, AGC greatly improves tracking performance - as well as the unit's ability to play poorly manufactured discs. AGC also offers superior compensation for the dust and dirt that builds up on the laser optics as the unit ages.

AUX Input Capability for External Music Sources

All Pioneer IP-Bus headunits units allow the connection of external music sources (with RCA outputs), such as portable recorders, micro-cassettes, etc., through the MCD bus connection. (Adapter CD-RB20).

CD-R(W) Skip Play

Allows you to skip misrecorded tracks on a CD-R(W) disc. First set 'Skip ID' on the CD-recorder unit, like Pioneer's PDR-W839 or PDR-609, and your car CD player will not play that particular track, but skip to the next one on the disc.

CD Text

CD Text allows various text information to be added to normal music CDs. By pushing the Display key, it is possible to scroll between disc title, track title, and artist name (usable with compact discs featuring CD Text).

Digital Compression

This feature is useful with music with an exceedingly wide dynamic range (classical is a good example). Quiet passages are boosted so that they don't get buried by background noise and loud passages are reduced, preventing overload and distortion of the speakers.

Disc Title Memory

Gives you the ability to program up to 10-digit descriptive title to be displayed when that CD is selected. Up to 48 titles may be entered with many Pioneer Single-Play CD units and up to 100 titles with Pioneer MCD Players.

Dynamic Bass Emphasis (DBE)

Digitally boosts low and high frequencies at lower volume levels to compensate for ambient road noise. Because all adjustments are made digitally, it is superior in performance to the analogue loudness circuit.

ITS (Instant Track Selection)

Gives you the choice of programming any of your favourite CD tracks for up to 24 tracks per disc. Selections are then played back utilising ADPS and the "Program" button.

Last Position Memory

If there's ever any interruption to CD play (like turning your car off or switching to another source), Last Position Memory automatically resumes CD play from the same point. So you can always pick up exactly where you left off.

Random Play

CD playback mode that mixes the order of songs (and entire magazines, in the case of MCD Players), providing a different sequence each time. It's an easy, one-button way to rearrange playback order of songs.

AMP SECTION

Amplifier Input Level Controls

This adjustment tool is not a volume control. Level Control adjustment is provided to match the amplifier's input with the source unit's output. Proper adjustment ensures less noise and distortion.

Balanced Isolator Circuit

Prevents ground voltage flows from interfering with the signal. Pioneer improved existing designs by separating the left and right channel grounds. This puts each channel's signal wave in phase, which helps cancel noise components within the grounds. The output is cleaner, with less interference.

Link Top

Amplifiers with "Link Top" are equipped with output terminals for convenient, efficient, low noise connection to an additional amplifier driving a subwoofer or to create a multi-channel speaker system.

Low Impedance Load Capability (High Current)

Refers to power amplifiers that provide 1-1/2 times the power output of standard 4Ω operation at 2Ω. Since they have the power to drive more speakers, these amps also increase system flexibility by enabling the hook-up of multiple pairs of speakers.

MOSFET Output Devices

MOSFET output devices offer significant advantages over traditional bipolar devices. Faster switching enhances acoustic realism and keeps sound reproduction crystal clear. And with a higher thermal stability, performance is optimised at peak operating temperatures.

PWM Regulated Mosfet Power Supply

During the process of DC-to-DC step-up transforming, the voltage at the secondary winding must be kept stable despite voltage fluctuations at the primary and secondary windings, or loads fluctuations at the secondary winding. Our PWM (Pulse Width Modulation) power supply design maintains stability between both windings, and uses a MOSFET to switch the power supply on and off very quickly in response to input. This translates into cleaner output with less distortion.

Screw-Type Terminals

Pioneer uses Screw-Type terminals for the speaker connections as well as the power and ground connections. These terminals make a more reliable connection and allow the use of larger gauge wire for improved performance.

Speaker Level Inputs

This allows a Pioneer amplifier to be connected to an OEM radio without requiring costly add-on adapters. The added flexibility allows your Pioneer amplifier to be a part of your system as it grows and expands.

Variable Bass Emphasis

Allows bass frequencies to be boosted for each equipped amplifier. This allows the installer/user to set the optimal bass level for the speakers connected to that individual amplifier; allowing the user to best utilise the headunit's tone controls for all speakers in the system.

SPEAKER SECTION

3D Magnesium Hybrid Cone

The E-motion Series 3D Magnesium Hybrid Cones produces purest, accurate sound with the most possible power through the use of an alloy of magnesium and aluminium.

Bass Reflex

A loudspeaker design in which the sound waves generated by the driver's rear surface are allowed to pass through a port in the enclosure to reinforce bass response. This enables smaller drivers to offer increased bass response with less power.

Butyl Rubber Edge

The rolled edge where the speaker cone meets the frame, is made of a specially blended, highly durable and moisture-resistant compound. Butyl Rubber keeps the cone moving in a linear direction, seals the cone to the frame (to prevent sound from seeping back through) and quickly stops the cone from vibrating once the signal has passed. This leads to less distortion and superior frequency response.

CCA (Copper-Clad Aluminium Wire) Voice Coil

Aluminium wire is lighter than conventional copper wire. When used as a voice coil material, larger gauge aluminium wire can be used to increase maximum input power and to extend bass response. A copper coating over the aluminium enables sure soldering contact and wide frequency response.

Component Speakers (Also Called "Separates")

Speakers, such as woofers, midranges and tweeters, that reproduce only certain frequencies. Component Speakers not only reproduce the audio signal more accurately, but also increase the listener's control over the audio signal. Supplemental electronic and passive crossover networks divide the signal and supply the appropriate frequencies to individual component speakers.

Conex Damper

The damper guides the speaker cone and voice coil as it moves back and forth during use. While typical dampers are made of cloth, on many models Pioneer uses Conex. This special material provides increased rigidity, longer travel and improved moisture resistance.

Conical Dome Technology

The Pioneer IMPP cone woofers give smoother low to upper midrange reproduction and high rigidity through the use of highly Crystallised Polypropylene. The integration in the cone of conical domes (Bass Bullets) results in lower distortion, richer bass sounds and increased cone rigidity.

Double Damper

A damper supports the speaker cone and guides the cone as it moves back and forth during use. By using two dampers instead of one in many of its speakers, Pioneer has greatly improved linearity over the entire frequency range of the speaker. Other benefits include low distortion and an improvement in power handling capability.

Foamed IMPP

Using a unique foaming process during the injection moulding process, Pioneer's IMPP speaker cones feature lighter weight and increased rigidity for improved linearity, decreased distortion, improved bass performance and clarity.

Glass-Imide Voice Coil Bobbin

Many Pioneer speakers utilise a voice coil whose cylinder is made from a woven fiberglass material bound by a polyimide resin. This Glass-Imide material has much higher heat resistance, which translates into higher power handling capability for the speaker and less distortion.

IMPP™ (Injection-Moulded Polypropylene) Composite Cone

Pioneer uses a special injection moulding process rather than "pressing" polypropylene speaker cones. This process ensures uniform cone thickness for superior linearity and clarity. What's more, Pioneer's "Composite" technology guarantees the perfect mix of polypropylene and carbon-fiber, graphite and other materials to optimise the speaker cone for its specific application (woofers, midranges, or tweeters, etc.).

Linear power response

With no roll to restrict the cone's movements, this innovative system mimics a finely tuned precision piston, smoothly moving the speaker cone up to a higher level than ever. And thanks to its unique edgeless diaphragm, there is no stress or distortion around its diaphragm. This exclusive technology delivers a richer, more powerful bass sound.

Neodymium Magnet

Neodymium has a high magnetic flux density. It is about 7.5 times stronger than a standard magnet and allows Pioneer speaker designers to make a tweeter that is smaller and has reduced distortion as compared to a model using a standard magnet.

Power Blades

The Pioneer Magnesium Hybrid cone woofers give smoother low to upper midrange reproduction and high rigidity. The integration in the cone of Power Blades (protrusions) results in lower distortion, richer bass sounds and increased cone rigidity.

PPC (Pearl Polycarbon) Midrange

The Pioneer foamed PPC (Pearl Polycarbon) balanced dome midrange has a light weight. Combined with a high inner loss, this midrange lowers distortion and creates a higher sensitivity to ensure smooth frequency response.

Pulp Drive Cone

Paper pulp is used in the E-motion Series speakers to form a drive cone on the backside of the Magnesium Hybrid Cone. Very light material that is resistant to longitudinal strain, pulp eliminates additional vibration and distortion. This results in a smooth, purer sound.

Strontium Magnet

A very powerful magnetic material which has a greater magnetic force field than a ferrite magnet. Strontium magnets improve efficiency and power handling capabilities. This enables engineers to build a much smaller magnet, and consequently a thinner speaker to fit in areas with limited mounting depth without compromising sound quality.

Swivel Mount Tweeter

The swivel mount tweeter offers the best of all installation possibilities. Featuring a specially designed flush-mount cup, this mounting system allows the tweeter to be angled in any direction for optimum imaging and placement.

Titanium Dome Tweeter

The Titanium Dome driver of the E-motion Speaker Series has a pure titanium diaphragm. Titanium produces crystal clear high notes with minimum distortion and ensures a smooth woofer to tweeter transfer using the maximum power possible.

VCCS (Voice Coil Cooling System)

VCCS brings high power to the Pioneer subwoofers. The Voice Coil Cooling system takes the heat away from the new 4-layer voice coil using a heat resistant, highly conductive aluminium bobbin. Plus, extra slits in the bobbin reduce eddy currents while radiating the heat. This results in distortion-free, tonally accurate sound.

SPECIFICATIONS

	2-DIN				CD/Tuners										
	FH-P6600R	FH-P4000R	DEH-P90DAB	DEX-P9R	DEH-P9300R	DEH-P7300R	DEH-P6300R	DEH-P4300R DEH-P4300RB	DEH-3300R DEH-3330R	DEH-2300R DEH-2330R DEH-2300RB	DEH-1300R DEH-1330R	CDX-P2050VM CDX-P2050VS	CDX-P1270	CDX-P670	CDX-FM657
DAB															
Frequency range (MHz) (Band III)			174.928 (5A) · 239.200 (13F)												
(L-band)			1452.960 (L1) · 1490.624 (L23)												
Mode			I, II, III, IV												
Usable sensitivity (dBm) (Band III) (L-band)			-97.5 -100												
FM															
Frequency range (MHz)	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108				
Usable sensitivity (dBf/μV, 75 ohms)	10/1.0	9/0.8	11/1.0	9/0.8	9/0.8	9/0.8	9/0.8	9/1.0	9/1.0	9/0.8	9/0.8				
S/N ratio (dB)	70	70	70	70	70	70	70	70	70	70	70				
Frequency response (Hz)	30 - 15,000	30 - 15,000	30 - 15,000	30 - 15,000	30 - 15,000	30 - 15,000	30 - 15,000	30 - 15,000	30 - 15,000	30 - 15,000	30 - 15,000				
Stereo separation (dB)	40	40	40	40	40	40	40	40	40	40	40				
MW															
Frequency range (kHz)	531 - 1,602	531 - 1,602	531 - 1,602	531 - 1,602	531 - 1,602	531 - 1,602	531 - 1,602	531 - 1,602	531 - 1,602	531 - 1,602	531 - 1,602				
Usable sensitivity (μV)	18	18	18	18	18	18	18	18	18	18	18				
LW															
Frequency range (kHz)	153 - 281	153 - 281	153 - 281	153 - 281	153 - 281	153 - 281	153 - 281	153 - 281	153 - 281	153 - 281	153 - 281				
Usable sensitivity (μV)	30	30	30	30	30	30	30	30	30	30	30				
CD															
Frequency response (Hz)	5 - 20,000	5 - 20,000	5 - 20,000	5 - 20,000	5 - 20,000	5 - 20,000	5 - 20,000	5 - 20,000	5 - 20,000	5 - 20,000	5 - 20,000	5 - 20,000	5 - 20,000	5 - 20,000	
S/N ratio (dB/1 kHz)	94	94	96	107	94	94	94	94	94	94	94	100	92	92	
Dynamic range (dB/1 kHz)	92	92	94	98	92	92	92	92	92	92	92	95	90	90	
CASSETTE															
Wow & Flutter (%: WRMS)	0.09	0.09													
Frequency response (Hz) (Metal Tape)	30 - 19,000	30 - 19,000													
Stereo separation (dB)	50	45													
S/N ratio (dB) • Dolby NR out • Dolby B NR in	61 (i) 67 (i)	61 (i) 67 (i)													
GENERAL															
Max. output power (watts)	4 x 45	4 x 50	4 x 50		4 x 50	4 x 50	4 x 50	4 x 50	4 x 50	4 x 50	4 x 45				
DIN output power (watts: DIN45324, +B=14.4 V)	4 x 27	4 x 27	4 x 27		4 x 27	4 x 27	4 x 27	4 x 27	4 x 27	4 x 27	4 x 25				
Max. preout voltage (V/ohms)	2/1k	2.2/1k	4.6/100	4/100	4/100	4/100	2.2/1k	2.2/1k	2.2/1k	2.2/1k	2.2/1k				
Chassis size (W x H x D mm)	180 x 100 x 150	180 x 100 x 160	180 x 50 x 155	180 x 50 x 160	180 x 50 x 160	180 x 50 x 160	180 x 50 x 160	180 x 50 x 160	180 x 50 x 160	180 x 50 x 160	180 x 50 x 160	257 x 94 x 195	257 x 94 x 170	248 x 66 x 168	248 x 66 x 169

(i) Using Metal Tape.

	Amplifiers										DSP	
	PRS-X340	PRS-X720	PRS-X320	PRS-X220	GM-X952	GM-X552	GM-X352	GM-X944	GM-X554	GM-X354	DEQ-9200	DEQ-P9
Max. output power (watts)	—	—	—	—	2 x 200 0r 1 x 600	2 x 100 0r 1 x 300	2 x 80 0r 1 x 200	4 x 150, 2 x 500 0r 2 x 150+ 1 x 500	4 x 100, 2 x 240 0r 2 x 100+ 1 x 240	4 x 70, 2 x 140 0r 2 x 70+ 1 x 140		
DIN output power (watts) (DIN45324, +B = 14.4 V)	4 x 115 0r 2 x 360	2 x 298 0r 1 x 900	2 x 163 0r 1 x 486	2 x 87 0r 1 x 313	2 x 150 0r 1 x 450	2 x 75 0r 1 x 230	2 x 60 0r 1 x 150	4 x 115 0r 2 x 360	4 x 75 0r 2 x 200	4 x 45 0r 2 x 100		
Continuous output power (RMS) watts 14.4V (20 - 20 kHz/4 ohms)	4 x 37.5 (0.04%) 4 x 75 (0.4%) 2 x 150 (0.4%)	2 x 100 (0.08%) 2 x 200 (0.8%) 1 x 400 (0.8%)	2 x 50 (0.08%) 2 x 100 (0.8%) 1 x 200 (0.8%)	2 x 30 (0.08%) 2 x 60 (0.8%) 1 x 120 (0.8%)	2 x 100 (0.08%) 2 x 150 (0.8%) 1 x 300 (0.8%)	2 x 50 (0.08%) 2 x 75 (0.8%) 1 x 150 (0.8%)	2 x 40 (0.08%) 2 x 50 (0.8%) 1 x 100 (0.8%)	4 x 75 (0.04%) 4 x 125 (0.4%) 2 x 250 (0.4%)	4 x 50 (0.04%) 4 x 60 (0.4%) 2 x 120 (0.4%)	4 x 35 (0.04%) 4 x 40 (0.4%) 2 x 70 (0.4%)		
watts 12V (20 - 20 kHz/4 ohms)	4 x 37.5 (0.04%) 4 x 75 (0.4%) 2 x 150 (0.4%)	2 x 100 (0.08%) 2 x 200 (0.8%) 1 x 400 (0.8%)	2 x 50 (0.08%) 2 x 100 (0.8%) 1 x 200 (0.8%)	2 x 30 (0.08%) 2 x 60 (0.8%) 1 x 120 (0.8%)	2 x 100 (0.08%) 2 x 150 (0.8%) 1 x 300 (0.8%)	2 x 50 (0.08%) 2 x 75 (0.8%) 1 x 150 (0.8%)	2 x 40 (0.08%) 2 x 50 (0.8%) 1 x 100 (0.8%)	4 x 75 (0.04%) 4 x 125 (0.4%) 2 x 250 (0.4%)	4 x 50 (0.04%) 4 x 60 (0.4%) 2 x 120 (0.4%)	4 x 35 (0.04%) 4 x 40 (0.4%) 2 x 70 (0.4%)		
Frequency response (Hz) (+0 dB, -1 dB)	10 - 50,000	10 - 50,000	10 - 50,000	10 - 50,000	10 - 50,000	10 - 50,000	10 - 50,000	10 - 50,000	10 - 50,000	10 - 50,000	20 - 20,000	10 - 20,000
Distortion (%)	0.05 (10 W/1 kHz)	0.01 (10 W/1 kHz)	0.01 (10 W/1 kHz)	0.01 (10 W/1 kHz)	0.008 (10 W/1 kHz)	0.008 (10 W/1 kHz)	0.008 (10 W/1 kHz)	0.005 (10 W/1 kHz)	0.008 (10 W/1 kHz)	0.008 (10 W/1 kHz)	0.01 (1 kHz, 500mV, 20kHz LPF)	0.005 (1 kHz, 4V, 20kHz LPF)
S/N ratio (dB)	105	105	100	100	100	100	100	105	100	100	85	109
Input level control	400 mV - 6.5 V	400 mV - 6.5 V	400 mV - 6.5 V	400 mV - 6.5 V	400 mV - 6.5 V	400 mV - 6.5 V	400 mV - 6.5 V	400 mV - 6.5 V	400 mV - 6.5 V	400 mV - 6.5 V	—	—
Max. current consumption (A/4 ohms)	43.7	46	32.5	19.2	25	13.2	11.3	43.7	27.1	18.1	—	—
Chassis size (W x H x D mm)	264 x 65 x 345	264 x 65 x 345	264 x 65 x 290	264 x 65 x 240	279 x 58 x 324	279 x 58 x 237	279 x 58 x 157	270 x 60 x 297	279 x 58 x 324	279 x 58 x 237	183 x 28.5 x 135* 188 x 58 x 29.7**	191 x 49 x 220
Unit weight (kg)	7.0	6.5	5.5	4.5	4.8	3.6	2.5	5.4	4.8	3.6	1.0	1.8

* Hideaway unit. ** Display unit (DIN).

	MD/Tuners				Cassette/Tuners			
	MEH-P9100R	MEH-PT300R	KEH-P8010R	KEH-P8010R KEH-P8010RB	KEH-P5010R	KEH-P4010R KEH-P4013R KEH-P4010RB	KEH-P1010R KEH-P1013R	
FM								
Frequency range (MHz)	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	
Usable sensitivity (dBf/μV, 75 ohms)	11/1.0	9/0.8	9/0.8	9/0.8	9/0.8	9/0.8	9/0.8	
S/N ratio (dB)	70	70	70	70	70	70	70	
Frequency response (Hz)	30 - 15,000	30 - 15,000	30 - 15,000	30 - 15,000	30 - 15,000	30 - 15,000	30 - 15,000	
Stereo separation (dB)	40	40	40	40	40	40	40	
MW								
Frequency range (kHz)	531 - 1,602	531 - 1,602	531 - 1,602	531 - 1,602	531 - 1,602	531 - 1,602	531 - 1,602	
Usable sensitivity (μV)	18	18	18	18	18	18	18	
LW								
Frequency range (kHz)	153 - 281	153 - 281	153 - 281	153 - 281	153 - 281	153 - 281	153 - 281	
Usable sensitivity (μV)	30	30	30	30	30	30	30	
MD								
Frequency response (Hz)	20 - 20,000	20 - 20,000						
S/N ratio (dB/1 kHz)	91	94						
Dynamic range (dB/1 kHz)	89	92						
CASSETTE								
Wow & Flutter (%: WRMS)			0.09	0.09	0.09	0.09	0.13	
Frequency response								
• Normal Tape (Hz)				30 - 16,000	30 - 16,000	30 - 16,000	30 - 16,000	
• Metal Tape (Hz)			30 - 19,000					
Stereo separation (dB)			45	45	45	45	45	
S/N ratio (dB)								
• Dolby NR out			61 (i)	61	61	61	52	
• Dolby B NR in			67 (i)					
GENERAL								
Max. output power (watts)	4 x 45	4 x 50	4 x 50	4 x 50	4 x 50	4 x 45	4 x 45	
DIN output power (watts: DIN45324, +B=14.4 V)	4 x 27	4 x 27	4 x 27	4 x 27	4 x 27	4 x 25	4 x 25	
Max. preout voltage (V/ohms)	4/100	4/100	2.2/1 k	2.2/1 k	2.2/1 k	2.2/1 k	2.2/1 k	
Chassis size (W x H x D mm)	180 x 50 x 160	180 x 50 x 160	180 x 50 x 160	180 x 50 x 160	180 x 50 x 155	180 x 50 x 155	180 x 50 x 155	

(1) Using Metal Tape.

AV Master	AVM-P9000R	AVM-P8000R	AVM-P7000R
AMPLIFIER			
Max. output power (watts)	6 x 45	4 x 45	4 x 45
DIN output power (watts: DIN45324, +B=14.4V)	6 x 27	4 x 27	4 x 27
Max. preout voltage (V/ohms)	2.2/1 k	2.2/1 k	2.2/1 k
FM			
Frequency range (MHz)	87.5 - 108	87.5 - 108	87.5 - 108
Usable sensitivity (dBf/μV, 75 ohms)	11/1.0	11/1.0	11/1.0
S/N ratio (dB)	70	70	70
Frequency response (Hz)	30 - 15,000	30 - 15,000	30 - 15,000
Stereo separation (dB)	40	40	40
MW			
Frequency range (kHz)	531 - 1,602	531 - 1,602	531 - 1,602
Usable sensitivity (μV)	18	18	18
LW			
Frequency range (kHz)	153 - 281	153 - 281	153 - 281
Usable sensitivity (μV)	30	30	30
VIDEO (composite input/output)			
Input/output* level (V/ohms, ±0.2V)	1/75	1/75	1/75
GENERAL			
Chassis size (W x H x D mm)	307 x 51 x 187	307 x 51 x 187	307 x 41 x 187
Unit weight (kg)	2.5	2.0	1.8

*PAL/SECAM/NTSC compatible through outputs from video output.

Display	AVD-W8000	AVX-P7000CD	AVX-7000	AVD-505
DISPLAY				
Screen size/Aspect ratio	8-inch wide/16:9	7-inch wide/16:9	7-inch wide/16:9	5.6-inch/4:3
Effective display area (mm)		154 x 87	154 x 87	
Pixels	336,960 (1,440 x 234)	336,960 (1,440 x 234)	336,960 (1,440 x 234)	224,640 (960 x 234)
Display method	TFT active matrix driving	TFT active matrix driving	TFT active matrix driving	TFT active matrix driving
Colour system	PAL/NTSC compatible	PAL/SECAM/NTSC compatible	PAL/SECAM/NTSC compatible	PAL/NTSC compatible
CD				
Frequency response (Hz)	—	5-20,000	—	—
S/N ratio (dB/1 kHz)	—	96	—	—
Dynamic range (dB/1 kHz)	—	94	—	—
GENERAL				
Chassis size (W x H x D mm)	222 x 134 x 35 (1) 156 x 95 x 38 (2)	180 x 50 x 160	180 x 50 x 160	160 x 111 x 38

(1) Display unit (2) Hide-away unit

	Multi-CD Packages			
	MCD4300CD MCD-4300CD-B	MCD6010RDS MCD6010RDS-B	MCD4010RDS MCD4010RDS-B	MCD1010RDS MCD1010RDS-B
FM				
Frequency range (MHz)	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108
Usable sensitivity (dBf/μV, 75 ohms)	9/1.0	9/0.8	9/0.8	9/0.8
S/N ratio (dB)	70	70	70	70
Frequency response (Hz)	30 - 15,000	30 - 15,000	30 - 15,000	30 - 15,000
Stereo separation (dB)	40	40	40	40
MW				
Frequency range (kHz)	531 - 1,602	531 - 1,602	531 - 1,602	531 - 1,602
Usable sensitivity (μV)	18	18	18	18
LW				
Frequency range (kHz)	153 - 281	153 - 281	153 - 281	153 - 281
Usable sensitivity (μV)	30	30	30	30
CD				
Frequency response (Hz)	5 - 20,000	5 - 20,000	5 - 20,000	5 - 20,000
S/N ratio (dB/1 kHz)	(3)	92	92	92
Dynamic range (dB/1 kHz)	(4)	90	90	90
CASSETTE				
Wow & Flutter (%: WRMS)		0.09	0.09	0.13
Frequency response				
• Normal Tape (Hz)		30 - 16,000	30 - 16,000	30 - 16,000
Stereo separation (dB)		45	45	45
S/N ratio (dB)				
• Dolby NR out		61	61	52
GENERAL				
Max. output power (watts)	4 x 50	4 x 50	4 x 45	4 x 45
DIN output power (watts: DIN45324, +B=14.4 V)	4 x 27	4 x 27	4 x 25	4 x 25
Max. preout voltage (V/ohms)	2.2/1 k	2.2/1 k	2.2/1 k	2.2/1 k
Chassis size (W x H x D mm)	(1)	(1)	(2)	(2)

(1) Head Unit: 180 x 50 x 160, Multi-CD Player: 248 x 66 x 168 (2) Head Unit: 180 x 50 x 155, Multi-CD Player: 248 x 66 x 168 (3) Head Unit: 94, Multi-CD Player: 92 (4) Head Unit: 92, Multi-CD Player: 90

TV Tuner	GEX-P7000TVP
TV TUNER	
Reception channels/TV system	CCIR/B, G, H, K: VHF 2-12ch, UHF: 21-69ch, ITALY/B, G, H, K: VHF A-H2ch, UHF: 21-69ch, UK/I: UHF 21-69ch, OIRT/G, H, D, K: VHF R1-R12ch, UHF21-69ch
Colour system	TV: PAL/SECAM compatible, Video: PAL/SECAM/NTSC compatible
Antenna input	4ch diversity (ø3.5mm mini plug type)
GENERAL	
Chassis size (W x H x D mm)	237 x 28 x 171
Unit weight (kg)	1.1

DAB Tuner	GEX-P7000DAB
DAB TUNER	
Frequency range (MHz) (Band III) (L-band)	174.928 (5A) - 239.200 (13F) 145.2.960 (L1) - 1490.624 (L23)
Mode	I, II, III, IV
Usable Sensitivity (dBm) (L-band) (Band III)	-97.5 -100
GENERAL	
Chassis size (W x H x D mm)	183 x 96.5 x 28
Unit weight (kg)	0.5

Multi-DVD/VCD/CD Player	XDV-P9
VIDEO	
Output level	1,000Vp-p (75 Ω)
AUDIO	(DVD, sampling frequency 96kHz)
Frequency response (Hz)	5 - 44,000
S/N ratio (dB)	96: DVD, 99: CD
Dynamic range (dB/1kHz)	97: DVD, 96: CD
GENERAL	
Region number	2
Chassis size (W x H x D mm)	275 x 88 x 202
Unit weight (kg)	2.9

FEATURES

	2-DIN				CD/Tuners						
	FH-P6600R	FH-P4000R	DEH-P900DAB	DEX-P9R	DEH-P9300R	DEH-P7300R	DEH-P6300R	DEH-P4300R DEH-P4300RB	DEH-3300R DEH-3330R	DEH-2300R DEH-2330R DEH-2300RB	DEH-1300R DEH-1330R
TUNER											
Adaptive RDS (PI, PS, AF, TP/TA)	•	•	•	•	•	•	•	•	•	•	•
PTY (Search and Alarm)	•	•	•	•	•	•	•	•	•	•	•
News interrupt feature	•	•	•	•	•	•	•	•	•		
Radio Text			•	•	•	•	•	•	•		
ARC FM	ARC 5	ARC 5	ARC 5	ARC 5	ARC 5	ARC 5	ARC 5	ARC 5	ARC 5	ARC 5	ARC 5
BSA (Best TP Station Auto Search)	•	•	•	•	•	•	•	•	•	•	•
High speed PLL Synthesiser tuner	•	•	•	•	•	•	•	•	•	•	•
PNS (Pulse Noise Suppressor)	•	•	•	•	•	•	•	•	•	•	•
No. of Presets	24	24	24	24	24	24	24	24	24	18	18
BSM (Best Stations Memory)	•	•	•	•	•	•	•	•	•	•	•
Built-in DAB Tuner (7)			•								
CASSETTE											
Auto-Reverse	•	•									
Full Logic Control	•	•									
Dolby NR	B	B									
Metal 70µs Tape Selector	AUTO	AUTO									
Music Search	•	•									
Blank Skip and Repeat	•	•									
Radio Intercept	•										
Playing Time Tape Counter	•	•									
Head	SAT*	SAT*									
CD PLAYER											
Oversampling digital filter	8x	8x	8x	8x	8x	8x	8x	8x	8x	8x	8x
D/A Converter	1 bit	1 bit	1 bit	24 bit	1 bit	1 bit	1 bit	1 bit	1 bit	1 bit	1 bit
Fast forward/reverse	•	•	•	•	•	•	•	•	•	•	•
Track Search/Scan/Repeat	•	•	• (3)	•	•	•	•	•	•	•	•
Random Play	•	•	•	•	•	•	•	•	•	•	•
Last position memory	•	•	•	•	•	•	•	•	•	•	•
Disc Title Memory	•	•	•	•	•	•	•	•			
CD Text	•	•	•	•	•	•	•	•			
CD-R Playback	•	• (10)	• (10)	• (10)	• (10)	• (10)	• (10)	•	•	•	•
CD-RW Playback		• (10)		• (10)	• (10)	• (10)	• (10)	•	•		
AUDIO											
Max. output power (watts)	4 x 45	4 x 50	4 x 50		4 x 50	4 x 50	4 x 50	4 x 50	4 x 50	4 x 50	4 x 45
DIN output power (watts: DIN45324, +B=14.4 V)	4 x 27	4 x 27	4 x 27		4 x 27	4 x 27	4 x 27	4 x 27	4 x 27	4 x 27	4 x 25
Built in DSP	•	•			•						
Graphic equaliser	11-band	9-band			13-band						
Listening Position Selector	•	•			•						
Preset equaliser	5-mode	5-mode			5-mode						
User preset equaliser	1-mode	1-mode			2-mode						
Source Equalisation Memory	•	•			•						
Sound Field Control	4-mode	3-mode			4-mode						
Time Alignment					•						
Auto EQ					•						
2-mode Octaver	•	•			•						
BBE		•			•						
HPF	•	•			•						
LPF	•	•			•						
Digital ASL (Automatic Sound Leveliser)					•						
EQ Plus			•			•	•	•	•		•
EEQ						•		•		•	•
5-mode preset equaliser (8)			•			•	•	•	•	•	•
Custom preset equaliser			1			2	2	2	2	1	1
3-band equaliser			• (6)			• (6)	• (6)	• (6)	• (6)	•	•
Source Equalisation Memory			•			•	•	•	•	•	•
Selectable Loudness			•			•	•	•	•	•	•
Selectable FIE (Front Image Enhancer)			•			•	•	•	•	•	•
HPF			•			•	•	•	•	•	•
LPF			•			•	•	•	•	•	•
SFEQ(Sound Focus Equaliser)						•	•	•	•		
ASL (Automatic Sound Leveliser)			•			•	•	•	•		
Direct Sub Drive			•			•	•	•	•		
Spectrum analyser	•	•			•	•	•	•	•		
Bass/Treble meter						•					
Level Indicator					•		•				
Loudness	•	•	•	•	•	•	•	•	•	•	•
Source level adjuster	•	•	•	•	•	•	•	•	•	•	•
Fader	•	•	•	•	•	•	•	•	•	•	•
RCA Preout	2 (F+R or S/W)	2 (F+R or S/W)	3 (F+R+S/W or Non Fad)	3 (2) (F+R +Non Fad)	3 (F+R +S/W)	3 (F+R+S/W or Non Fad)	2 (F+S/W or Non Fad)	2 (F+R or S/W)	2 (F+R or S/W)	1	1
High Voltage Output			•	•	•	•	•	•	•		
GENERAL											
Multi-CD Control	•	•	•	•	•	•	•	•			
ITS(Instant Track Selection)	•	•	•	•	•	•	•	•			
Disc Title Memory	•	•	•	•	•	•	•	•			
CD Text	•	•	•	•	•	•	•	•			
Digital Compression/Dynamic Bass Emphasis	•	•	•	•	•	•	•	•			
Source TV Control	•		•	•	•	•	•	•			
DAB Tuner Control				•	•	•	•				
Source DVD Control				•							
Multi-MD Control											
External unit control via IP-Bus	2	2 (16)	2	2	2	2	2	1			
AUX-In (with optional CD-RB20)	•	•	•	•	•	•	•	•			
Standard remote control	•	OPTION	•	•	•	•	OPTION	OPTION			
ISO Connector		•	•	•	•	•	•	•	•	•	•
Digital clock				•							
Display illumination	COLOUR CHANGEABLE	BLUE	OEL- MULTI	OEL- BLUE	OEL- MULTI	OEL- MULTI	OEL- MULTI	MULTI/ BLUE (4) • (5)	MULTI	MULTI/ BLUE (4)	WHITE
Dual button illumination			•		•	•	•				
Soft key operation					•						
Rotary volume				•	Pop-up	Pop-up	Pop-up	•	•		
Auto-flap mechanism	•		•	•	•	•	•	•	•		
Removable Front Panel		• (1)	• (1)	• (1)	• (1)	• (1)	• (1)	• (1)	• (1)	•	•
Cellular telephone auto muting	•	•	•	•	•	•	•	•	•	•	•
Hands-free kit ready					•	•	•	•			
Speaker input for hands-free					•	•	•	•			
Flexible angle installation			0-60°	0-60°	0-60°	0-60°	0-60°	0-60°	0-60°	0-60°	0-60°
Voice Control with optional CD-VC60/65 (9)	•	•	•		•	•	•	•			

	MD/Tuners		Cassette/Tuners				
	MEH-P9100R	MEH-P7300R	KEH-P8010R	KEH-P8010R KEH-P8010RB	KEH-P5010R	KEH-P4010R KEH-P4013R KEH-P4010RB	KEH-P1010R KEH-P1013R
TUNER							
Adaptive RDS (PI, PS, AF, TP/TA)	•	•	•	•	•	•	•
PTY (Search and Alarm)	•	•	•	•	•	•	•
News interrupt feature	•	•	•	•	•	•	•
Radio Text		•	•	•			
ARC FM	ARC 5	ARC 5	ARC 5	ARC 5	ARC 5	ARC 5	ARC 5
BSA (Best TP Station Auto Search)	•	•	•	•	•	•	•
High speed PLL Synthesiser tuner	•	•	•	•	•	•	•
PNS (Pulse Noise Suppressor)	•	•	•	•	•	•	•
No. of Presets	24	24	24	24	18	18	18
BSM (Best Stations Memory)	•	•	•	•	•	•	•
MD PLAYER							
MDLP with ATRAC 3		•					
Sure Track system	•	•					
Track Search/Scan/Repeat	•	•					
Random play	•	•					
Title display/scroll	•		•				
CASSETTE							
Auto-Reverse			•	•	•	•	•
Full Logic Control			•	•	•	•	
Dolby NR			B				
Metal 70µs Tape Selector			AUTO				
Music Search			•	•	•	•	
Blank Skip and Repeat			•	•	•	•	
Radio Intercept			•	•	•	•	•
Playing Time Tape Counter			•	•			
Head			SAT*	SAT*	SAT*	SAT*	SAT*
AUDIO							
Max. output power (watts)	4 x 45	4 x 50	4 x 50	4 x 50	4 x 50	4 x 45	4 x 45
DIN output power (watts: DIN45324, +B=14.4 V)	4 x 27	4 x 27	4 x 27	4 x 27	4 x 27	4 x 25	4 x 25
Built-in DSP	•						
EEQ Plus	•	•	•	•			
EEQ					•	•	•
5-mode preset equaliser (8)		•	•	•	•	•	•
Custom preset equaliser		2	2	2	1	1	1
3-band equaliser		• (6)	• (6)	• (6)	•	•	•
Source Equalisation Memory			•	•			
Selectable Loudness	•	•	•	•	•	•	•
Selectable FIE (Front Image Enhancer)					•	•	•
HPF	•	•	•				
LPF	•	•	•	•			
SFEQ (Sound Focus Equaliser)		•	•	•			
ASL (Automatic Sound Leveliser)	•	•	•				
Direct Sub Drive	•	•	•	•			
Spectrum analyser	•	•	•				
Bass/Treble meter		•	•				
Source level adjuster	•	•	•	•	•	•	•
Fader		•	•				
RCA Preout	3 (F+R+S/W or Non Fad)	3 (F+R+S/W or Non Fad)	3 (F+R+S/W or Non Fad)	1 (R or S/W)	1	1	1
High Voltage Output	•	•					
GENERAL							
Multi-CD Control/CD Ready	•	•	•	•	•	•	•
ITS (Instant Track Selection)	•	•	•	•			
Disc Title Memory	•	•	•	•			
CD Text	•	•	•	•			
Digital Compression/Dynamic Bass Emphasis	•	•	•	•			
Source TV Control		•	•				
Source CD Control		•	•				
DAB Tuner Control		•	•				
External unit control via IP-Bus	1	2	2	1	1	1	1
AUX-In (with optional CD-RB20)	•	•	•				
Standard remote control	•		OPTION	OPTION	OPTION		
ISO Connector	•	•	•		•	•	•
Digital clock							
Display illumination	OEL-MULTI	OEL-MULTI	OEL-MULTI	MULTI/BLUE (4)	MULTI	WHITE/BLUE (4)	MT.GREEN/AMBER (4)
Dual button illumination	•	•	•	• (5)			
Rotary volume		Pop-up	Pop-up	•			
Removable Front Panel	• (1)	• (1)	• (1)	• (1)	•	•	•
Cellular telephone auto muting	•	•	•	•	•	•	
Hands-free ready		•	•				
Voice Control with optional CD-VC60/65 (9)	•	•	•	•			

	Multi-CD Players			
	CDX-P2050VW CDX-P2050VS	CDX-P1270	CDX-P670	CDX-FM657
CD PLAYER				
Oversampling digital filter	8x	8x	8x	8x
D/A Converter	24 bit	1 bit	1 bit	1 bit
Fast forward/reverse	•	•	•	•
Track Search/Scan/Repeat	•	•	•	• (3)
Track/Manual search	•	•	•	•
Random Play	• (11)	• (11)	• (12)	• (12)
ITS (Instant Track Selection)	• (13)	• (13)	• (13)	• (13)
ADPS (Automatic Disc Programming Selection)	•	•	•	•
Last position memory	•	•	•	•
Disc Title Memory	•	•	•	•
CD Text	•	•	•	•
Digital Compression	•	•	•	•
Dynamic Bass Emphasis	•	•	•	•
CD-R Playback	•	• (10)	• (10)	•
CD-RW Playback	•	• (10)	• (10)	•
GENERAL				
IP Bus Output	•	•	•	•
Standard remote control				•
Display illumination				AMBER
Flexible angle installation	0-90°	0-90°	0-90°	0-90°
Voice Control	• (14)	• (15)	• (15)	• (15)

*SAT TWIN-CUT (1) With safety warning beep (2) Gold plated (3) Without Scan (4) Multi-colour illumination: DEH-P4300R, DEH-2300R, DEH-2330R, KEH-P6010R, Blue illumination: DEH-P4300RB, DEH-2300RB, KEH-P6010RB, KEH-P4010RB, White colour illumination: KEH-P4010R, KEH-P4013R, Mint green illumination: KEH-P1010R, Amber illumination: KEH-P1013R (5) Dual button illumination (Green/Amber): DEH-P4300R, KEH-P6010R, Single red button illumination: DEH-P4300RB, KEH-P6010RB (6) Programmable 3-band parametric equaliser (7) For the details, please see page 9. (8) Superbass/ Powerful/ Natural/ Vocal / Flat (9) For the details, please see page 26. (10) With Skip-play (11) Overall 12 discs (12) Overall 6 discs (13) With FH-P6600R, FH-P4000R, DEH-P9300R, DEH-P7300R, DEH-P6300R, DEH-P4300R(RB), MEH-P7300R, KEH-P8010R, KEH-P6010R(RB) (14) With P-series headunit (15) With P-series headunit and optional CD-VC60/65 (16) Cannot be connected to Source TV (GEX-P7000TVP)



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Stoke Poges, Slough
Buckinghamshire SL2 4QP.
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ICELAND: BRÆDURNIR ORMSSON HF
Lágmúli 8, P.O. Box 8760
128 Reykjavik.
Tel. +354/53 02 800

IRELAND: AUDIO VISION IMPORT
John F. Kennedy Drive
Dublin 12.
Tel. +353/1 45 04 855

MALTA: CACHIA & GALEA Ltd.
Standard Bldgs., C. De Brockdorf Street
Msida MSD-02.
Tel. +356/33 38 61

MILITARY: PIONEER ELECTRONICS DEUTSCHLAND GmbH
Military Sales Dept.
Hanns-Martin-Schleyer-Str. 35
47877 Willich.
Tel. +49/21 54 91 34 22

LATVIA: BALTIC MULTI MEDIA SIA
Kr Barona Iela 16/18
1050 Riga.
Tel. +371/761 01 11 (new office +371/728 62 96)

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TEL. + 32 (0)3 570 05 11
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